

DAVID RINDSKOPF
VITA (ABBREVIATED)

EDUCATION

1970 B.S., Mathematics and Psychology, Iowa State University
1973 M.S., Psychology, Iowa State University
1976 Ph.D., Psychology, Iowa State University

EMPLOYMENT HISTORY

1988– Professor
1984–1988 Associate Professor
1979–1984 Assistant Professor

Educational Psychology and Psychology
City University of New York
Graduate School and University Center
New York, NY

1990–1991 Visiting Professor, UCLA

1978–1979 Senior Research Associate
 ML-GROUP for Policy Studies in Education
 CEMREL, Inc., Chicago, IL

1975–1978 Research Fellow, Division of Methodology and
 Evaluation Research, Northwestern University
 Evanston, IL

PROFESSIONAL ACTIVITIES

REVIEWER OR EDITORIAL BOARD MEMBER

Psychometrika
Psychological Bulletin
Psychological Methods
Evaluation Review
Journal of Educational Measurement
Journal of Consulting and Clinical Psychology
Statistics in Medicine
Child Development
Developmental Review
Cognitive Development
Naval Science Quarterly
Journal of Marketing Research

Multivariate Behavioral Research
Evaluation and Program Planning
Evaluation and the Health Professions
Evaluation Studies Review Annual (1987)

Book Review Editor and Management Committee Member:

Journal of Educational Statistics (now *J. Educational & Behavioral Statistics*)

CONSULTATION (PARTIAL LIST)

Joint Committee on Standards for Educational Evaluation
U.S. Department of Health, Education, and Welfare
U.S. General Accounting Office, Washington, D.C.
Nuclear Medicine Laboratory, Columbus Hospital, Chicago, IL
National Science Foundation, Washington, DC
(Advisory Panel on Science Education Indicators)
National Institute of Corrections Jail Environment Study
Educational Resources Opportunity Program, CUNY
Viet Nam Era Veterans Study
Federal Judicial Center
National Institutes of Health
National Institute of Mental Health
New York State Attorney General

HONORS

National Institute of Education Predoctoral Fellowship, 1975–1976
National Institute of Education Postdoctoral Fellowship, 1976–1977
National Institute of Mental Health Postdoctoral Fellowship, 1977–1978
Sigma Xi (Scientific honorary)
Pi Mu Epsilon (Mathematics honorary)
Psi Chi (Psychology honorary)
President, New York Chapter, American Statistical Association

RESEARCH INTERESTS

Latent variable models and their applications (confirmatory factor analysis, structural equation models, latent structure analysis, structural probit models, latent trait models)

Categorical data analysis

Multilevel statistical models

Methodological problems in social research and program evaluation

Policy analysis and evaluation in social research

PUBLICATIONS

BOOK

Berenson, M.L., Levine, D.M., and Rindskopf, D. (1988). *Applied Statistics: A First Course*. Englewood Cliffs, NJ: Prentice-Hall.

ARTICLES (BY TOPIC)

Evaluation Methodology

Rindskopf, D. (1978). Secondary analysis: Using multiple analysis approaches with Head Start and Title I data. *New Directions for Program Evaluation*, 4, 75–88.

Boruch, R.F., & Rindskopf, D.M. (1978). Randomized experiments, approximations to experiments, and data analysis. In L. Rutman (Ed.), *Evaluation research methods: A basic guide*. Beverly Hills: Sage.

Reichardt, C.S., & Rindskopf, D.M. (1978). Randomization and educational evaluation: The ESAA evaluation. *Journal of Educational Statistics*, 3(1), 61–68.

Boruch, R.F., Rindskopf, D.M., Anderson, P.S., Amidjaya, I.R., & Jansson, D.M. (1979). Randomized experiments for evaluating and planning local programs: A summary on appropriateness and feasibility. *Public Administration Review*, 39(1), 36–40.

A different version of this paper appears as:

Boruch, R.F., Anderson, P.S., Rindskopf, D.M., Amidjaya, I.R., & Jansson, D. (1978). Randomized experiments for evaluating and planning local programs: A summary on appropriateness and feasibility. In H.E. Freeman (Ed.), *Policy Studies Review Annual*, 2, 226–236.

Rindskopf, D.M., & Hoegler, V. (1981). A FORTRAN program for two-group ANCOVA with corrections for unreliability. *Behavior Research Methods & Instrumentation*, 13, 368.

Rindskopf, D. (1986). New developments in selection modeling for quasi-experimentation. In William M. K. Trochim (Ed.), *Advances in quasi-experimental design analysis*. (New Directions for Program Evaluation, No. 31). San Francisco: Jossey-Bass.

Rindskopf, D. (1993). The importance of theory in selection modelling. In Rossi & Chen (Eds.), *Theory-based evaluation*. Greenwich, CT: JAI Press.

Rindskopf, D., & Saxe, L.S. (1998). Zero effects: Avoiding false positives and false negatives in the evaluation of community-based drug programs. *Evaluation Review*, 22, 78–94.

Rindskopf, D. (1998). Statistical methods for real-world evaluation. In A. Reynolds & H. Walberg (Eds.), *Evaluation methods for educational productivity*. Greenwich, CT: JAI Press.

Beveridge, A.A., Kadushin, C., Saxe, L., Rindskopf, D., & Livert, D. (2000). Survey estimates of drug-use trends in urban communities: General principles and cautionary examples. *Substance Use and Misuse*, 35, 891–923.

Livert, D., Rindskopf, D., Saxe, L., Stirratt, M. (2001). Using multilevel modeling in the evaluation of community-based treatment programs. *Multivariate Behavioral Research*, 36(2), 155–183.

Saxe, L., Kadushin, C., Beveridge, A., Livert, D., Tighe, E., Rindskopf, D., Ford, J., & Brodsky, A. (2001). The visibility of illicit drugs: Implications for community-based drug control strategies. *American Journal of Public Health*, 91(12), 1987–1994.

Factor Analysis and Structural Equation Models

Rindskopf, D. (1981). Using structural equation models in evaluation research. In R.F. Boruch, P. Wortman, & D. Cordray (Eds.), *Reanalyzing program evaluations*. San Francisco: Jossey-Bass.

Rindskopf, D. (1983). Parameterizing inequality constraints on unique variances in linear structural models. *Psychometrika*, 48, 73–83.

Rindskopf, D. (1983). Using inequality constraints to prevent Heywood cases: The LISREL parameterization. *Data Analyst*, 1(3), 1–3.

Rindskopf, D. (1984). Latent variable models: Applications in education. *Contemporary Educational Psychology*, 9, 104–121.

Rindskopf, D. (1984). Using phantom and imaginary latent variables to parameterize constraints in linear structural models. *Psychometrika*, 49, 37–47.

Rindskopf, D. (1984). Structural equation models: Empirical identification, Heywood cases, and related problems. *Sociological Methods & Research*, 13, 109–119.

Rindskopf, D., & Rose, T. (1988). Second order factor analysis: Some theory and applications. *Multivariate Behavioral Research*, 23, 51–67.

Rindskopf, D. (1993). Factor analysis. In M. Alkin (Ed.), *Encyclopedia of Educational Research*.

Categorical Data

Rindskopf, D. (1983). A general framework for using latent class analysis to test hierarchical and nonhierarchical learning models. *Psychometrika*, 48, 85–97.

Rindskopf, D. (1984). Linear equality restrictions in regression and loglinear models. *Psychological Bulletin*, 96, 597–603.

Rindskopf, D., & Rindskopf, W. (1986). The value of latent class analysis in medical diagnosis. *Statistics in Medicine*, 5, 21–27.

(See also comments by Hutchinson & Tang, and reply, in *Statistics in Medicine*, 1987, 6.)

Boulanger, G., Kadushin, C., Rindskopf, D.M., & Carey, M.A. (1986). Posttraumatic stress disorder: A valid diagnosis? In G. Boulanger and C. Kadushin (Eds.), *The Vietnam veteran redefined: Fact and fiction*. Hillsdale, NJ: Lawrence Erlbaum.

Rindskopf, D. (1987). Using latent class analysis to test developmental models. *Developmental Review*, 7, 66–85

Rindskopf, D. (1987). A compact BASIC program for loglinear models. In R.M. Heiberger (Ed.), *Computer science and statistics: Proceedings of the 19th symposium on the interface*, pages 381–386. Alexandria, VA: American Statistical Association.

Rindskopf, D. (1990). Testing developmental models using latent class analysis. In A. von Eye (Ed.), *New statistical methods for longitudinal research*. Academic Press.

Rindskopf, D. (1990). Nonstandard loglinear models. *Psychological Bulletin*, 108, 150–162.

Rindskopf, D. (1992). A general approach to categorical data analysis with missing data, using generalized linear models with composite links. *Psychometrika*, 57, 29–42.

Rindskopf, D. (1993). Categorical data: Conceptual overview. In M. Alkin (Ed.), *Encyclopedia of Educational Research*.

Rindskopf, D. (1996). Partitioning chi-square. In C.C. Clogg & A. von Eye (Eds.), *Categorical variables in developmental research*. San Diego: Academic Press.

Haddock, C.K., Rindskopf, D., & Shadish, W.R. (1998). Using odds ratios as effect sizes for meta-analysis of dichotomous data: A primer on methods and issues. *Psychological methods*, 3(3), 339–353.

Rindskopf, D. (1999). Some hazards of using nonstandard log-linear models, and how to avoid them. *Psychological Methods*, 4, 339–347.

Strauss, S.M., Rindskopf, D.M., and Falkin, G.P. (2001). Modeling relationships between two categorical variables when data are missing: Examining consequences of the missing data mechanism in an HIV data set. *Multivariate Behavioral Research*, 36(4), 471–500.

Rindskopf, D. (in press). Interval estimation of proportions: Comment on Agresti and Coull. *American Statistician*.

General Methodological

Rindskopf, D., & Everson, H. (1984). A comparison of models for detecting discrimination: An example from medical school admissions. *Applied Psychological Measurement*, 8, 89–106.

Rindskopf, D. (1994). Experimental design. In R. Sternberg (Ed.), *Encyclopedia of Human Intelligence*.

Rindskopf, D. (1995). Multilevel analysis in obesity research. In D.B. Allison & F.X. Pi-Sunyer (Eds.), *Obesity treatment: Establishing goals, improving outcomes, and reviewing the research agenda*. New York: Plenum Press.

Rindskopf, D. (1997). Testing “small”, not null, hypotheses: Classical and Bayesian approaches. In L.L. Harlow, S.A. Mulaik, & J.H. Steiger (Eds.), *What if there were no significance tests?* Mahwah, NJ: Lawrence Erlbaum Associates.

Rindskopf, D. (1998). Null Hypothesis Tests Are Not Completely Stupid, But Bayesian Statistics is Better. *Behavioral and Brain Sciences*, 1998, 21(2), 215–216.

Rindskopf D. (1999). Explaining maximum likelihood estimation. *Rasch Measurement Transactions*, 12(3), 645.

Rindskopf, D. (2000). Plausible rival hypotheses in measurement, design, and scientific theory. In L. Bickman (Ed.), *Research Design: Donald Campbell's Legacy, Vol 2*. Thousand Oaks, CA: Sage Publications.

Strauss, S.M., Rindskopf, D., Deren, S., and Falkin, G.P. (2001). Concurrence of drug users' self-report of current HIV status and serotest results. *Journal of Acquired Immune Deficiency Syndromes*, 27, 301–307.

Rindskopf, D. (2001). The next steps in latent variable models for change. In L. Collins and A. Sayer (Eds.), *New methods for the analysis of change*, pp. 323–332. Washington, DC: American Psychological Association.

Reviews

Rindskopf, D. (1981).
Review of *APL-STAT*.
Psychometrika, 46, 473–474.

Rindskopf, D. (1985).
Review of *Achievement testing: Recent advances*.
Journal of the American Statistical Association, 80, 482.

Rindskopf, D. (1985).
Review of *Causal modelling in nonexperimental research*.
Applied Psychological Measurement, 9, 433–434.

Rindskopf, D. (1988).
Review of *Fundamental Statistics for Behavioral Science and Using Statistics for Psychological Research*.
Contemporary Psychology, 33, 64–65.